
 Form PTO-1449
 (Rev. 8-88)

 U.S. DEPARTMENT OF COMMERCE
 PATENT AND TRADEMARK OFFICE

 ATTY. DOCKET NO.
 962096.93723

 SERIAL NO.
 08/591,246

**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S): James A. Thomson

 FILING DATE:
 01/18/96

GROUP 1815

U.S. PATENT DOCUMENTS

* EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,061,620	10/91	Tsukamoto, et al.			
	5,166,065	11/92	Williams, et al.			
	5,340,740	8/94	Petitte, et al.			
bfs	5,449,620	9/95	Khillan			
bfs	5,453,357	9/95	Hogan			
bfs	5,591,625	1/97	Gerson, et al.			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUECLASS	TRANSLATION	
						YES	NO
bfs	WO 94/03585	02/17/94	Australia				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Andrews, P., et al., "Cell lines from human germ cell tumours," <u>Teratocarcinomas and Embryonic Stem Cells: A Practical Approach</u> , Oxford: IRL Press, Ch. 8:207-248 (1987)
		Andrews, P., et al., "Pluripotent Embryonal Carcinoma Clones Derived from the Human Teratocarcinoma Cell Line Tera-2," <u>Lab. Invest.</u> , 50(2):147-162 (1984).
bfs		Bongso, A., et al., "Isolation and culture of inner cell mass cells from human blastocysts," <u>Human Reprod.</u> , 9(1):2110-2117 (1994).
bfs		Bongso, A., et al., "The Growth of Inner Cell Mass Cells from Human Blastocysts," <u>Theriogenology</u> , 41:167 (1994).
bfs		Brown, D.G., et al., "Criteria that Optimize the Potential of Murine Embryonic Stem Cells for In Vitro and In Vivo Developmental Studies," <u>In Vitro Cell. Dev. Bio.</u> , 28(A):773-778 (Nov., Dec. 1992).
bfs		Damjanov, Ivan., et al., "Retinoic Acid-Induced Differentiation of the Developmentally Pluripotent Human Germ Cell Tumor-Derived Cell Line, NCCIT, <u>Laboratory Investigation</u> , 68(2):220-232 (1993).
		Doetschman, et al., <u>Developmental Biology</u> , 127:224-227 (1988).
		Doetschman, T., et al., "The <i>in vitro</i> development of blastocyst-derived embryonic stem cell lines: formation of visceral yolk sac, blood islands and myocardium," <u>J. Embryol. exp. Morph.</u> , 87:27-45 (1985).
		Evans, M., et al., "Establishment in culture of pluripotential cells from mouse embryos," <u>Nature</u> , 292:154-156 (1981).
		Evans, M., et al., "Derivation and Preliminary Characterization of Pluripotent Cell Lines from Porcine and Bovine Blastocysts," <u>Theriogenology</u> , 33(1):125-128 (1990).

EXAMINER

Frederick Baumback

DATE CONSIDERED

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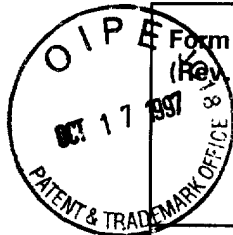
		Giles, J., et al., "Pluripotency of Cultured Rabbit Inner Cell Mass Cells Detected by Isozyme Analysis and Eye Pigmentation of Fetuses Following Injection into Blastocysts or Morulae," <u>Mol. Reprod. Dev.</u> , 36:130-138 (1993).
		Golos, T., et al., "Cloning of Four Growth Hormone/Chorionic Somatomammotropin-related Complementary Deoxyribonucleic Acids Differentially Expressed during Pregnancy in the Rhesus Monkey Placenta," <u>Endocrinology</u> , 133(4):1744-1752 (1993).
		Graves, K., et al., "Derivation and Characterization of Putative Pluripotential Embryonic Stem Cells from Preimplantation Rabbit Embryos," <u>Mol. Reprod. Dev.</u> , 36:424-433 (1993).
		Lapidot, T., et al., "Modeling Human Hematopoiesis in Immunodeficient Mice," <u>Lab. Animal Sci.</u> , 43(2):147-149 (1993).
		Marshall, E., "Rules on Embryo Research Due Out," <u>Science</u> , 265:1024-1026 (1994).
		Notarianni, E., et al., "Maintenance and differentiation in culture of pluripotential embryonic cell lines from pig blastocysts," <u>J. Reprod. Fert. Suppl.</u> , 41:51-56 (1990).
		Piedrahita, et al., <u>Theriogenology</u> , 34(5):879-901 (1990).
		Rossant, J., et al., "The relationship between embryonic, embryonal carcinoma and embryo-derived stem cells," <u>Cell Diff.</u> , 15:155-161 (1984).
		Seshagiri, P., et al., "Non-Surgical Uterine Flushing for the Recovery of Preimplantation Embryos in Rhesus Monkeys: Lack of Seasonal Infertility," <u>Am. J. Primatol.</u> , 29:81-91 (1993).
		Sukoyan, M., et al., "Isolation and Cultivation of Blastocyst-derived Stem Cell Lines from American Mink (<i>Mustela vison</i>)," <u>Mol. Reprod. Dev.</u> , 33:418-431 (1992).

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Brenda Trumbull

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		Sukoyan, M., et al., "Embryonic Stem Cells Derived from Morulae, Inner Cell Mass, and Blastocysts of Mink: Comparisons of Their Pluripotencies," <u>Mol. Reprod. Deve.</u> , 36:148-158 (1993).
		Talbot, et al., <u>In Vitro Cell. Dev. Bio.</u> , 29(A):543-544 (1993).
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		Thomson, James A., et al., "Pluripotent Cell Lines Derived from Common Marmoset (<i>Callithrix jacchus</i>) Blastocysts," <u>Biology of Reproduction</u> , 55:254-259 (1996).
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		Wenk, J., et al., "Glycolipids of Germ Cell Tumors: Extended Globo-series Glycolipids are a Hallmark of Human Embryonal Carcinoma Cells," <u>Int. J. Can.</u> , 58:108-115 (1994).
		Williams, R., et al., "Myeloid leukaemia inhibitory factor maintains the developmental potential of embryonic stem cells," <u>Nature</u> , 336:684-692 (1988).

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Brenda Thompson

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* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. QBMAD:\144641